

2016 Connecticut River Basin Fishway Passage Counts

Report Date: 6/8/2016

This report is compiled by the U.S. Fish and Wildlife Service, using fishway count data provided by several agencies as well power companies and is dependent in many cases on the review of video counts, that have an associated time lag for updates. Please visit <http://www.fws.gov/r5csrc> for other count data summaries, and related information.

Fishway, River	Data as of:	American shad	Alewife	Blueback Herring	Atlantic Salmon	American Eel	Sea Lamprey	Striped bass	Gizzard Shad	Shortnose Sturgeon	Other
Moulson Pond, Eightmile	6/7	10	83	3,418			32				
Leesville, Salmon											
StanChem, Mattabesset	6/7	36	303				12		87		
Rainbow, Farmington	6/7	150					485				
W. Springfield, Westfield	6/7	5,691			2	1	433				
Holyoke, Connecticut-MA	6/7	370,703		134	3	17,696	35,163	157	484	25*	
Easthampton, Manhan	5/31						57				w. sucker (127)
Turners Falls, Connecticut-MA	5/22	10,641					378				
Vernon, Connecticut-VT	5/28	13,634					578				
Bellows Falls, Connecticut-VT	5/26						6				
Wilder, Connecticut-VT	n.a.										
Other											
<i>Column Total</i>		400,865	386	3,552	5	17,697	37,144	157	571	19	
<i>Total to basin, only first barrier counts</i>		376,590	386	3,552	5	17,697	36,125	157	571	19	

All returning adult sea-run salmon will be streamer tagged below its dorsal fin and released, to continue its migration in 2016. A portion of Holyoke's catch will be used briefly for studies and then released. Any angled salmon should be released without harm, preferable without removing from the water. Please contact USFWS at 413-548-9138 x8121 to report any capture/releases - thanks! *** ALL sturgeon at Holyoke are captured, processed for data/tagged, and released back downstream**

News - Real-time data on both river flow and water temperature (hot link follows), are posted on the USGS web site, Thompsonville, CT (site of old Enfield Dam) - http://waterdata.usgs.gov/ct/nwis/uv?site_no=01184000. At Holyoke Dam, the Fish Lift Crew reported daily shad counts of: 6/6 (1,367) and 6/7 (2,240), with spill occuring at the dam and a nice increase in river discharge to near "mean" flow ~ 19K CFS, that is now on decending trajectory, water temps are slight lower but remain ~ 70F. Yesterday my office was able to get two loads of shad for upstream of Rainbow Dam and while at HFL they were lucky to see FOUR shortnose sturgeon on one lift. Images are attached, with one large specimen and three smaller individuals, one fish had been trapped and released downstream from earlier in this season (as that protocol remains in effect). I emailed my CRASC email distribution list notice of planned **June 27 (TECH) and June 28 (Commission) meetings**. If you did not receive that email - but want to be included in updates for CRASC meetings (agendas will be sent) please email back and I will add you to that list.



The largest of the four shortnose trapped on 6/7 with a nice view of its ventral surface which appears in good condition.



The Fish Lift crew checking for a PIT tag, and in this case recording the data off the tag that was identified in its dorsal musculature - in standardized tag location. PIT tags last indefinitely as opposed to radio or acoustic tags which have batteries to send a signals to distant receivers. The PIT tags are "activated" by the reader (which must be close to the tag) to give its unique alpha-numeric code.